

General Environmental Incident Summary

Incident: 1826

Notice: 11/27/2012 1635

Occurred: 11/24/2012 1200

DEM Incident No:

No Further Action: ☒

Responsible Party: Greg Haug

County: Burleigh

Twp Rng Sec Qtr: 138 80 15 NE SW NE

Lat Long + Method: 46.77291 -100.76300 Derived from TRS

Location Description: 2301 University Drive, Bismarck Airport
Building 17
Bismarck, ND 58504

Submitted By Info: Greg Browne

Received By Info:

Contact Info:

2301 University Drive
Building 17
Bismarck ND 58504

Affected Medium: 03 - soil

Near. Occupied Bldg: 1600 Feet

Type of Incident: buried geothermal HDPE piping - main

Release Contained:

Reported to NRC: Unknown

Contaminant: ethylene glycol

Volume of Release: 1600 gallons

Duration of Release: 76 hours

Agriculture Related: No

EPA Extremely

Hazardous Substance: No

Number of Fatalities: 0

Number of Injuries: 0

Cause of Incident:

unknown breach/break of buried geothermal piping. The estimated volume released was within a solution of ethylene glycol and water, approximated at a 25% solution.

Risk Evaluation:

Likely very low risk, material released in the subsurface approximately 7-8 feet below grade. Currently no evidence of subsidence to overlying soil.

Potential Env. Impacts:

Soil is likely impacted, unknown impacts to groundwater, unlikely that surface water is impacted

Action Taken/Planned:

The plan of action is to excavate to approximately 8 feet below grade and repair the 6-inch diameter HDPE piping. During excavation, removal of visually impacted soil, stockpile on and cover with plastic.

Wastes Disposal Location:

To be determined, possibly the Bismarck Landfill

Other Agencies Involved:

Updates

Date: 11/27/2012 ***Status:*** Reviewed - Assigned to NDDEQ Division

Author: Roberts, Kris

Notes:

Release to groundwater at Bismarck Airport likely. Investigation needed and recovery efforts likely needed. Will need a WQ investigator to follow-up.

Updated Volume: None at the time of this update